

09/848,984 3706C (CON) - TAKEN FROM:

Form-PTO-1449 (Modified)

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

Atty Docket No.:

3706

Serial No.:

08/350,297

Applicant:

Hu, et al.

Filing Date:

12/6/94

Group:

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
JNA	*	4 7 8 0 4 4 7	10/5/85	Kim et al	523/	1243	
JNA	*	4 6 2 4 8 4 12	4/25/86	Watanabe et al	523/	1231	
JNA	*	4 9 6 5 2 4 3	10/23/90	YAMADA et al	523/	1244	
JNA	*	3 0 5 7 4 8 3	4/16/91	Watanabe	523/	1244	
JNA	*	4 5 0 4 5 9 8	3/12/87	GAND et al	523/	1243	
JNA	*	3 9 5 6 1 8 8	5/11/76	HINDIN et al	523/	1243	
JNA	*	4 0 2 1 1 8 5	5/3/77	HINDIN et al	431/	7	
JNA	*	4 5 8 7 2 3 1	5/6/86	SAWAMURA et al	523/	1243	
JNA	*	4 1 8 9 4 0 4	2/9/52	Keith et al	252/	122	

*submitted in related previously filed IDS

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Translation
						Yes No

OTHER ART(Including Author, Title, Date, Pertinent Pages, etc.)

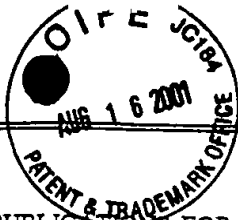
EXAMINER

James A. Hutchins

DATE CONSIDERED

9/19/01

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REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
JNA	*	4 1 3 4 8 6 0	1/6/79	HINDEN et al	253/466	—	
JNA	*	4 1 7 1 2 8 8	10/16/79	KEITH et al	254/462	—	
JNA	*	4 7 1 4 6 9 4	12/2/82	WAA et al	502/301	—	
JNA	*	4 7 2 7 0 5 2	7/23/88	WAA et al	502/301	—	
JNA	*	4 7 0 8 9 4 6	11/24/87	Ohata et al	502/301	—	
JNA	*	4 9 2 3 8 4 2	5/8/90	Summers	502/301	—	
JNA	*	4 8 0 8 5 6 4	2/28/89	MATSUMOTO et al	502/303	—	
JNA	*	4 4 3 8 2 1 9	3/20/84	BRANDENBURG et al	502/303	—	
JNA	*	4 4 7 6 2 4 6	10/9/84	Kim et al	502/307	—	
JNA	*	4 5 9 1 5 7 8	5/27/86	Foley et al	502/307	—	
JNA	*	4 5 9 1 5 8 0	5/27/86	Kim et al	502/303	—	

*submitted in related
previously filed IDS

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Translation	
							Yes	No
JNA	*	NO 1 2 1 00 3 2	8/22/89	JAPAN	—	—		
JNA	*	AU 6 1 5 7 2 1	2/4/89	AUSTRALIA	—	—		
JNA	*	JP 3 0 7 7 5 44	7/7/88	JAPAN	—	—		
JNA	*	JP 7 1 5 3 8 87	7/2/87	JAPAN	—	—		

*submitted in related
previously filed IDS

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER

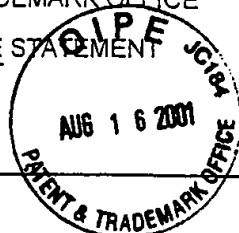
Jonas N. Krichland

DATE CONSIDERED

9/19/01

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY DOCKET NO. 3706	SERIAL NO. 08/350,297
	APPLICANT: Hu, et al.	
	FILING DATE: December 6, 1994	GROUP: 1103



REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Filing Date if Appropriate
JNA	3,896,616*	7/29/75	Keith, et al.	60/274	
JNA	5,106,588*	4/21/92	Sims, et al.	422/180	

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TC 1700

*submitted in related previously filed IDS

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Publication Date	Country or Patent Office	Class	Translation	
					Yes	No
JNA	0 460 542 A2*	12/11/91	EPO	F01N 3/20	X	
JNA	0 613 714 A2*	9/7/94	EPO	B01D 53/36	X	
JNA	WO 96/17671*	6/13/96	PCT	B01D 53/94	X	

related

*references submitted with/ previously filed Information Disclosure Statement

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

JNA	SAE 932765 A Warm-Up and Underfloor Converter Parametric Study * (October 1993)
JNA	SAE 960796 The Development of a Close Coupled Plus Underfloor Catalyst for a ULEV Application * (1996)

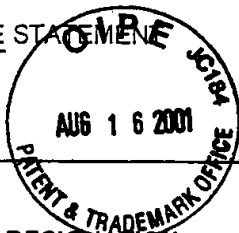
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Examiner <i>James N. Stickland</i>	Date Considered <i>9/19/01</i>
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	APPLICANT: Hu, et al.	
	FILING DATE: December 6, 1994	GROUP:



REFERENCE DESIGNATION

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JNA	3,896,616 *	7/29/75	Keith, et al.	60/274	

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FOREIGN PATENT DOCUMENTS

Examiner Initial	Document number	Publication Date	Country or Patent Office	Class	Translation	
					Yes	No
JNA	0 387 611 *	9/19/90	EPO	B01D 53/36	X	
JNA	0 399 892 *	11/28/90	EPO	B01J 23/56		X
JNA	0 460 542 A2 *	12/11/91	EPO	F01N 3/20	X	
JNA	0 613 714 A2 *	9/7/94	EPO	B01D 53/36	X	
JNA	2 328 512 *	5/20/77	France	B01J 23/86		X

*submitted with related previously filed IDS

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

Examiner <i>James H. Stuchlik</i>	Date Considered <i>9/19/01</i>
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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY DOCKET NO. 3706A	SERIAL NO. CPA of 08/350,297 filed December 6, 1994
	APPLICANT: Hu, et al.	
	FILING DATE: January 12, 1998	GROUP: 1103

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

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TC 1700

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document number	Publication Date	Country or Patent Office	Class	Translation	
					Yes	No
<i>JNA</i>	WO 98/17071 *	6/13/98	PCT	B01D 53/94	X	

*submitted in related previously filed IDS

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

<i>JNA</i>	LOW-EMISSION VEHICLE AND ZERO-EMISSION VEHICLE PROGRAM REVIEW, STAFF REPORT, State of California, California Environmental Protection Agency, Air Resources Board, November 1996 *
<i>JNA</i>	DRAFT DISCUSSION PAPER FOR THE LOW-EMISSION VEHICLE AND ZERO-EMISSION VEHICLE WORKSHOP ON MARCH 25, 1994, LOW-EMISSION VEHICLE PROGRAM COSTS, State of California, California Environmental Protection Agency, Air Resources Board *
<i>JNA</i>	CLEAN AIR, Technology News, Summer 1994, Institute of Clear Air Companies, Manufacturers of Emission Controls Association *
<i>JNA</i>	CATALYTIC AIR POLLUTION CONTROL, Commercial Technology by R.M. Heck and R.J. Farrauto, Engelhard Corporation Research & Development, Van Nostrand Reinhold Publishers, Pages 73-111, 1995 *
<i>JNA</i>	SAE 960797 STUDY OF DIVIDED CONVERTER CATALYTIC SYSTEM SATISFYING QUICK WARM UP AND HIGH HEAT RESISTANCE by T. Takada, H. Hirayama, T. Itoh and T. Yaegashi, Toyota Motor Corp., 1996 *
<i>JNA</i>	SAE 961904 WASHCOAT TECHNOLOGY AND PRECIOUS METAL LOADING STUDY TARGETING THE CALIFORNIA LEV MDV2 STANDARD by R. Smaling and S. Sung, Engelhard Corporation and R. Bartlett, General Motors Corp., 1996 *
<i>JNA</i>	SAE 950254, HIGH TEMPERATURE ULTRA STABLE CLOSE-COUPLED CATALYSTS by Z. Hu and R.M. Heck, Engelhard Corporation, 1995 *
<i>JNA</i>	SAE 980663, DEVELOPMENT OF CLOSE-COUPLED CATALYST SYSTEMS FOR EUROPEAN DRIVING CONDITIONS by A. Waltner, G. Loose, A. Hirschmann - Daimler-Benz AG and L. Mußmann, D. Lindner, W. Müller - Degussa AG, 1998 *

*submitted with related previously filed IDS

Examiner <i>James A. Stuchland</i>	Date Considered <i>9/19/01</i>
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	APPLICANT: Hu, et al.	
	FILING DATE: January 12, 1998	GROUP: 1103



REFERENCE DESIGNATION

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Examiner Initial	Document Number	Date	Name	Class	Filing Date if Appropriate
JNA	5,597,771 *	1/28/97	Hu, et al.	502/304	

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TC 1700

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Examiner Initial	Document number	Publication Date	Country or Patent Office	Class	Translation	
					Yes	No
JNA	79110185 *	5/1979	Taiwan		X	
JNA	80104517 *	1991	Taiwan	F01N 3/24	X	
JNA	80214653 *	1980	Taiwan	F01N 3/18		X

*submitted in related previously filed IDS

*A copy of what is believed to a corresponding English language patent application has been provided.

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

Examiner <i>James R. Urquhart</i>	Date Considered <i>9/19/01</i>
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INFORMATION DISCLOSURE STATEMENT PTO-1449 (Modified)

FORM PTQ-1449- U.S. DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY DOCKET NO. 3793	SERIAL NO. 08/576,198
	APPLICANT: Hu, et al.	
	FILING DATE: December 21, 1995	GROUP:

REFERENCE

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Filing Date if Appropriate
<i>JNA</i>	2,896,646	7/29/79	Keith, et al.	60/274	
<i>JNA</i>	4,171,288	10/16/79	Keith, et al.	282/462	
<i>JNA</i>	4,504,598	3/12/85	Ono, et al.	502/303	
<i>JNA</i>	4,624,940	11/25/86	Wan, et al.	502/251	
<i>JNA</i>	4,714,694	12/22/87	Wan, et al.	502/304	
<i>JNA</i>	4,727,052	2/23/88	Wan, et al.	502/327	
<i>JNA</i>	5,057,483	10/15/91	Wan, Chung-Zong	502/304	
<i>JNA</i>	5,106,588	4/21/92	Sims, et al.	422/180	
<i>JNA</i>	5,212,142	5/18/93	Dettling, Joseph C.	502/304	

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document number	Publication Date	Country or Patent Office	Class	Translation	
					Yes	No
<i>JNA</i>	0 387 611	9/19/90	EPO	B01D 53/36	X	
<i>JNA</i>	0 399 892	11/28/90	EPO	B01J 23/56		X
<i>JNA</i>	0 460 342 A2	12/11/91	EPO	P01N 3/20	X	
<i>JNA</i>	0 613 714 A2	9/7/94	EPO	B01D 53/36	X	
<i>JNA</i>	2 328 512	5/20/77	France	B01J 23/86		X

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

<i>JNA</i>	SAE 922338 Distribution of Warm-Up and Underfloor Catalyst Volumes; Ball, D.J. (1992)
<i>JNA</i>	SAE 93054 Novel Catalyst for Treating Exhaust Gases for Internal Combustion and Stationary Source Engines, Bhasin, M. (1993)
<i>JNA</i>	SAE 932765 A Warm-up and Underfloor Converter Parametric Study, Ball, D.J. (Oct 1993)
<i>JNA</i>	SAE 960796 The Development of a Close Coupled Plus Underfloor Catalyst for a ULEV Application, Chen, S.F., Amundson, A.R., Rabinowitz, H.N., Yamada, T. (1996)
<i>JNA</i>	Luccini, E., Meriani, S., & Sbaizero, O. (1989) "Preparation of Zirconia-Ceria Powders by Coprecipitation of a Mixed Zirconium Carbonate in Water with Urea", <u>Int. J. Materials and Products Technology</u> , Vol. 4, No. 2, pp. 167-175

Examiner <i>James R. Highland</i>	Date Considered 9/19/01
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